

MEMORANDUM

TO: Vermont Children's Performance Indicator Project Advisory Group

FROM: John Pandiani
Brad James
Fred Ober

DATE: September 4, 1997

RE: Community Mental Health and SRS Caseload Overlap

This week's Children's Services Performance Indicator report is the second in a series focusing on caseload overlap among community mental health, special education, and SRS caseloads.

As you review these data on caseload overlap, we will be particularly interested in your comments on the quality of the data, the appropriateness of the analysis, and the effectiveness of the presentation of these data, as well as your interpretation of the results.

COMMUNITY MENTAL HEALTH AND SRS CASELOAD OVERLAP

QUESTION: How many of the children and adolescents assigned to Children's Services Programs at Community Mental Health Centers (CMHCs) in Vermont are also on Vermont's SRS caseload?

DATA: Data on children and adolescents (under 22 years of age) who were served by Children's Services Programs at CMHCs in Vermont during FY1996 were obtained from the Quarterly Service Reports provided to the Department of Developmental and Mental Health Services (DDMHS) by the community service providers. Data items used in this analysis include program and provider codes, client date of birth, and gender. The QSR includes a provider specific person identification number but does not include a statewide unique person identifier.

A data file describing all children and adolescents who were on SRS caseload during FY1996 was obtained from SRS. Data items used in this analysis include student date of birth, gender, and disability code. The SRS database extract does not include a unique person identifier.

METHOD: Because the Community Mental Health and SRS data sets do not include a unique person identifier, Probabilistic Population Estimation¹ was used to derive unduplicated numbers of individuals represented in both data sets. Results of this probabilistic estimation are presented with point estimates and 95% confidence intervals. For purposes of verification, probabilistic estimates were compared to actual Community Mental Health client counts. The 95% confidence interval included the actual count in every case.

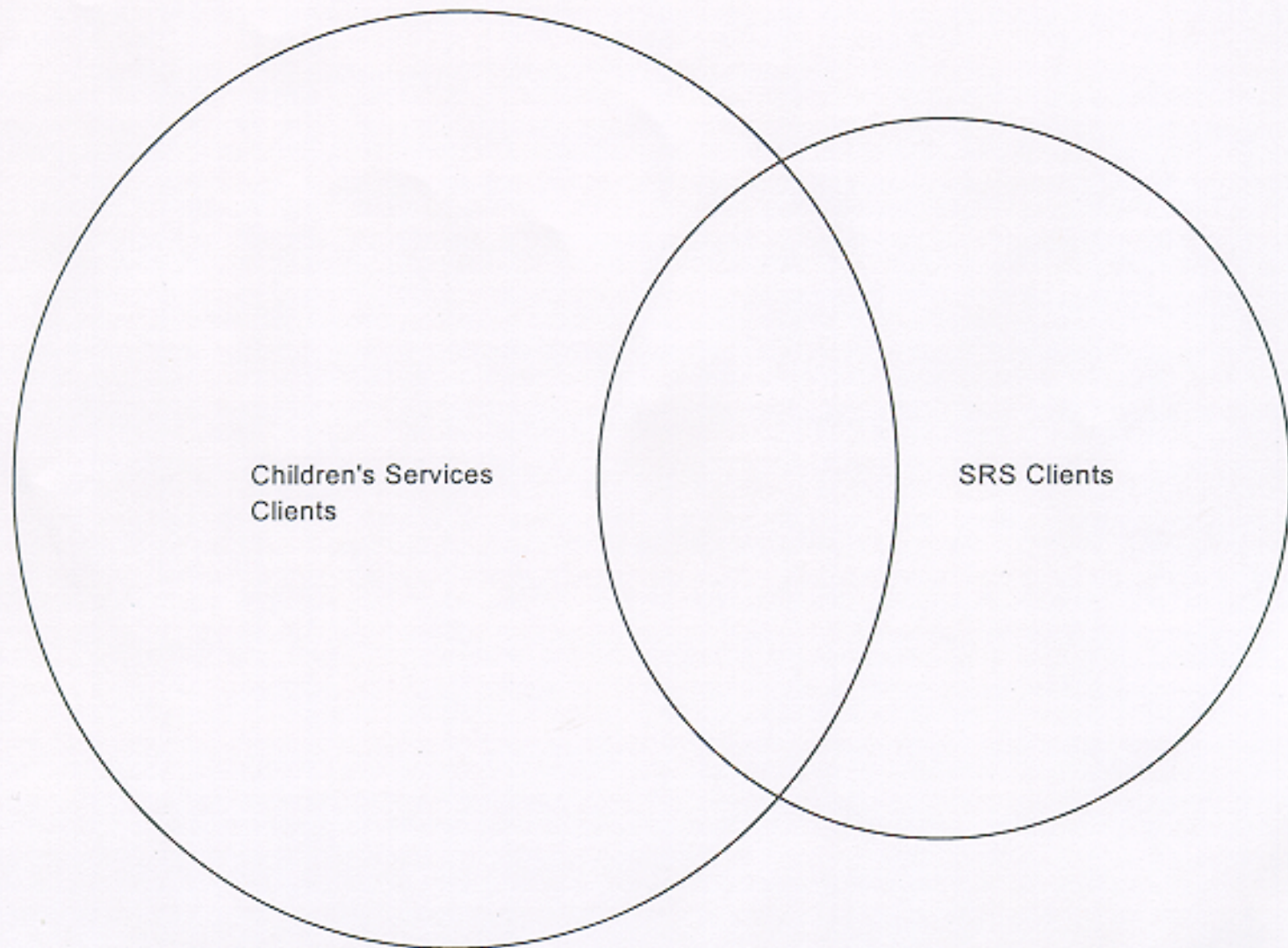
RESULTS: During the period covered by this analysis, Children's Services Programs in Vermont served an estimated 6,443 individuals under 22 years of age while an estimated, 3,842 individuals were served by SRS. Approximately 1,314 individuals were served by both programs. This caseload overlap accounted for approximately 34% of the SRS caseload and approximately 20% of the Children's Services caseload.

NFI had the largest representation of SRS clients on its caseload (approximately 54%). (In the analysis reported last week, NFI had the highest representation of children and adolescents on an IEP for EBD.) Southeast and Lamoille had the lowest representation of SRS clients (approximately 16% each). (In the analysis reported last week, Southeast and Lamoille had the lowest representation of children and adolescents on IEP for SED.)

NEXT QUESTIONS: What proportion of SRS clients in each of Vermont's service areas are also served by their local CMHC? How many children and adolescents on the SRS caseload were served by Developmental Services, Substance Abuse, or other programs at CMHCs in Vermont?

¹For more detail see Pandiani JA and Banks SM: A Global Measure of Access to Mental Health Services for a Managed Care Environment. The Journal of Mental Health Administration (24:3) summer, 1997, or Banks SM and Pandiani JA: The Utilization of State and General Hospitals for Inpatient Care. American Journal of Public Health, forthcoming.

**COMMUNITY MENTAL HEALTH CHILDREN'S SERVICES PROGRAM
CASELOAD OVERLAP WITH
SOCIAL AND REHABILITATION SERVICES, FY1996**



Number of Children and Adolescents Served

CMH clients	6,443 ± 97
SRS clients	3,842 ± 59

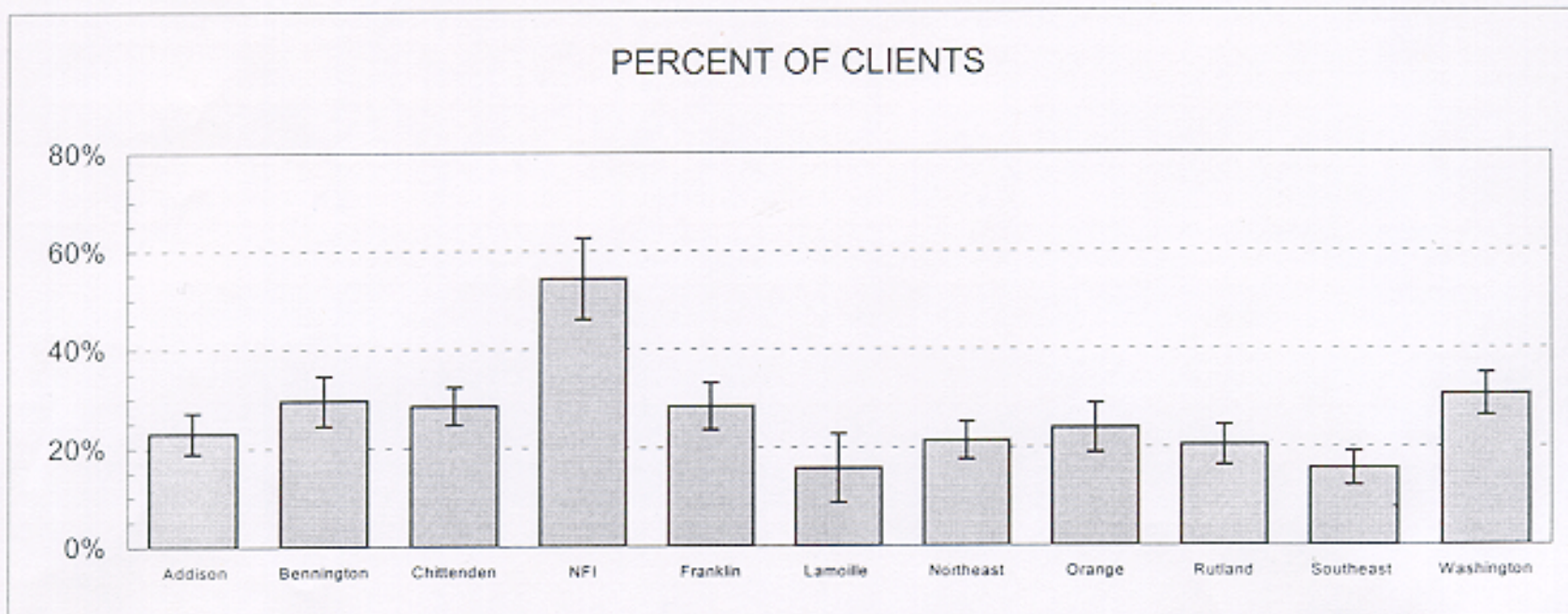
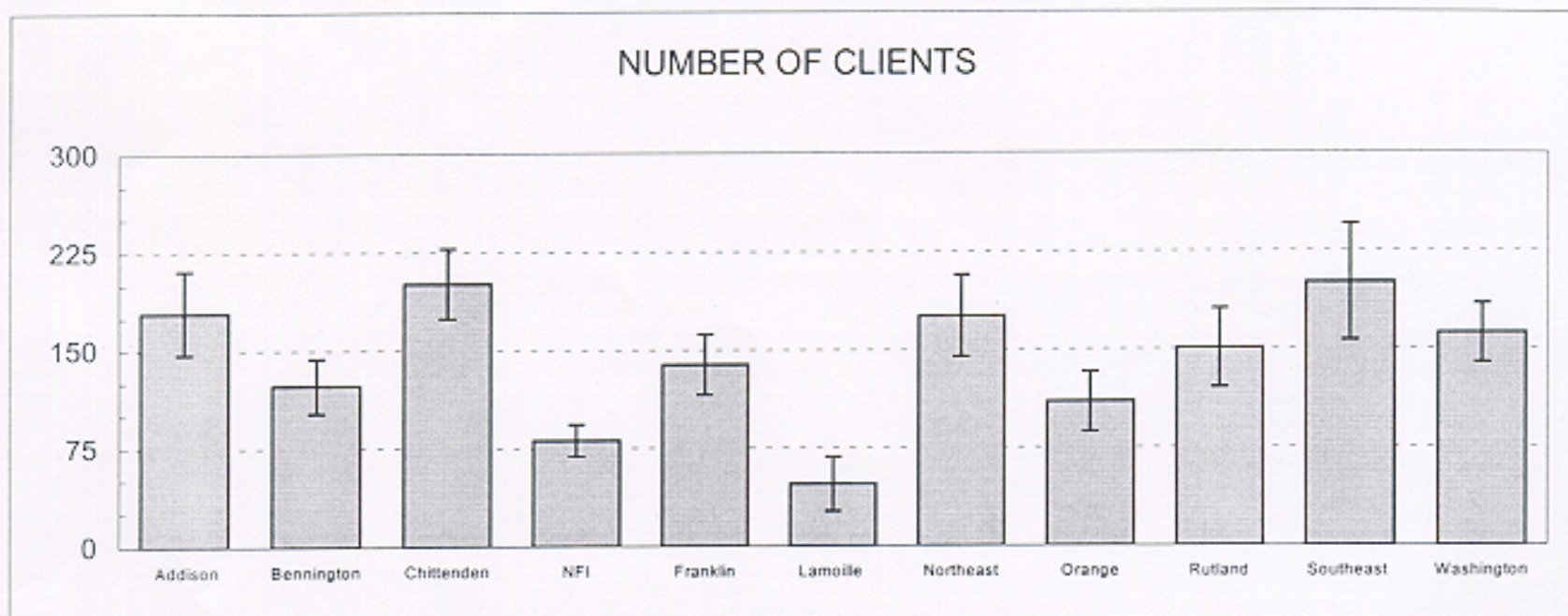
Children and Adolescents Shared

Number	1,314 ± 109
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Percent of CMH clients served by SRS	20% ± 2%
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Percent of all SRS clients served by a CMHC	34% ± 3%
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**CLIENTS OF COMMUNITY MENTAL HEALTH CHILDREN'S SERVICES PROGRAMS
WHO WERE ALSO SERVED BY SRS, FY1996**



Region/Provider	Children's Services Clients		SRS Clients	
	Actual Count ¹	Probabilistic Estimate ²	Number ²	Percent of Children's Services Clients
Addison - CSAC	776	770 ± 11	179 ± 32	23% ± 4%
Bennington - UCS	416	419 ± 6	123 ± 21	30% ± 5%
Chittenden - HCHS	706	710 ± 10	201 ± 27	28% ± 4%
- NFI	149	149 ± 3	81 ± 12	54% ± 8%
Franklin - FGI	490	484 ± 7	139 ± 23	28% ± 5%
Lamoille - LCMHS	298	297 ± 5	47 ± 21	16% ± 7%
Northeast - NEK	825	825 ± 12	176 ± 31	21% ± 4%
Orange - CMC	461	456 ± 7	110 ± 23	24% ± 5%
Rutland - RACS	740	742 ± 10	151 ± 30	20% ± 4%
Southeast - HCRSSV	1,287	1,292 ± 18	201 ± 44	16% ± 3%
Washington - WCMHS	529	528 ± 7	162 ± 23	31% ± 4%

¹ Based on Quarterly Service Reports for FY1996.

² Based on Probabilistic Population Estimation; includes 95% confidence interval.